California Department of Transportation

Stormwater Management Program

District 1 Work Plan

Fiscal Year

2018-2019

CTSW-RT-17-316.11.1

California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
1656 Union Street, Eureka, California 95501

http://www.dot.ca.gov/hq/env/stormwater

October 1, 2017

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California Department of Transportation
District 1 Certification
District Work Plan 2018-19

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

September 15, 2017

Matthew Brady, Caltrans District Director **Date**

District 1

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1 Introduction

General Information about the District Work Plan

The District Work Plans (DWPs) describe the organization of each California Department of Transportation (Caltrans) District's stormwater program and outline the planned stormwater activities for the upcoming fiscal year. They are prepared and submitted on October 1 each year. Since the DWP is District-specific, each Regional Water Quality Control Board (RWQCB or Regional Board) is provided a copy of the DWPs relevant to their jurisdiction.

This DWP presents information about District 1's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2018-19. Implementation activities will be conducted in accordance with the procedures presented in the SWMP. In addition, this DWP fulfills Provision E.3.b of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) (NPDES Permit). The NPDES Permit was amended by Orders WQ 2014-0006-EXEC (January 17, 2014), WQ 2014-007-DWQ (May 20, 2014), and WQ 2015-0036-EXEC (April 7, 2015). A conformed NPDES Permit was issued on April 7, 2015 (Conformed NPDES Permit), available on the California State Water Resources Control Board's (SWRCB) website:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2012/wq2012_0011_dwq_conformed_signed.pdf

The DWP's eight sections describe how the District plans to implement the stormwater program during the upcoming fiscal year. Section 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Section 2 describes the personnel with stormwater operations responsibilities in the District. In Section 3, the District's facilities are listed and categorized by type and location. Section 4 describes and identifies the high-risk locations where spills from the District's owned rights-of-way, roadways, or facilities can discharge directly to a drinking water reservoir or groundwater recharge facility. In Section 5, the District's road segments that are prone to erosion are identified. Section 6 summarizes the District's implementation activities, including projects that will be in the design and construction phases during the fiscal year, maintenance projects, and planned stormwater monitoring activities. Section 7 identifies the planned region-specific activities (if applicable) to address the requirements listed in Attachment V of the Conformed NPDES Permit. Section 8 identifies deviations that occurred from the prior DWP that resulted or will result in noncompliance with the Conformed NPDES Permit or SWMP and describes improvements performed in response to the incidents of noncompliance.

District Goals and Commitments

Caltrans developed new "Mission, Vision, Goals, and Values" in 2014 in response to internal and external reviews. With a greater emphasis on sustainability, livability, reduced pollution in communities, valuing its people, resources, and partners, while also making decisions that improve the environment, the stormwater program will improve through the implementation of the new Mission, Vision, Goals, and Values. The District is also committed to implementing the new Mission, Vision, Goals, and Values.

- Mission: Provide a safe, sustainable, integrated, and efficient transportation system to enhance California's economy and livability.
- Vision: A performance-driven transparent and accountable organization that values its people, resources, and partners, and meets new challenges through leadership, innovation, and teamwork.

- Goals:
    - **Safety and Health** – Provide a safe transportation system for workers and users, and promote health through active transportation and reduced pollution in communities.
    - **Stewardship and Efficiency** – Money Counts. Responsibly manage California's transportation-related assets.
    - **Sustainability, Livability, and Economy** – Make long-lasting, smart mobility decisions that improve the environment, support a vibrant economy, and build communities, not sprawl.
    - **System Performance** – Utilize leadership, collaboration, and strategic partnerships to develop an integrated transportation system that provides reliable and accessible mobility for travelers.
    - **Organizational Excellence** – Be a national leader in delivering quality service through excellent employee performance, public communication, and accountability.
- Values: Integrity * Commitment * Teamwork * Innovation

2 District Personnel and Responsibilities

Section 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the District. This section also identifies positions having signatory authority for various notifications or documents required for submittal by a District (e.g., Project Registration Documents, including Notices of Intents or NOIs).

District NPDES Stormwater Coordinator

The District NPDES Stormwater Coordinators serve as liaisons with the Water Quality Program. Liaison activities include the following:

- Conducting meetings related to stormwater management issues with the coordinators from each functional unit and with other municipal separate storm sewer system (MS4) permittees to discuss coordination, problems, and concerns.
- Regular communications with representatives of the RWQCB.
- Attending Water Quality Stormwater Advisory Team meetings.
- Review project plans and specification during all phases of a project to ensure consistency with Water Quality Program goals and NPDES Permit requirements

The functional unit coordinators will assist the District Divisions in implementing the Division's stormwater management activities. The District NPDES Stormwater Coordinators also provide coordination with Caltrans' Headquarters functional programs and the Districts.

In addition, the NPDES Stormwater Coordinators have the following responsibilities:

- Serving as the point of contact for regulatory inquiries regarding implementation of the Statewide SWMP.
- Receiving and responding to public inquires made to the Districts regarding stormwater management issues.
- Coordinating, tracking, and reporting the District's response to illegal connections/illicit discharges, and non-permitted, non-stormwater discharges.
- Reporting instances of noncompliance to the RWQCBs unless otherwise indicated in the DWP.
- Uploading and tracking of projects, Stormwater Data Reports (SWDRs), and other information within the Caltrans Stormwater Portal.
- Provide technical assistance to District Staff on water quality issues, monitoring, and data analysis.

Maintenance Coordinator

The District Maintenance Stormwater Coordinators serve as point of contact for all Maintenance Stormwater Program inquiries. The following generally describes their responsibilities:

- Reviewing long form SWDRs to ensure compliance with Maintenance requirements and maintainability of stormwater control measures following construction completion.
- Providing information to District Staff regarding the completion and acceptance of permanent Treatment BMPs within the District.
- Participating in construction contract acceptance review.

- Conducting Facility Pollution Prevention Plan (FPPP) inspections and preparation of FPPPs.
- Attending Maintenance Stormwater Advisory Team meetings.

The Maintenance Stormwater Coordinator coordinates with the NPDES Coordinator and reports instances of stormwater discharges from highway facilities to the Regional Board.

Construction Coordinator

The District Construction Stormwater Coordinator serves as point of contact for all Construction Stormwater Program inquiries. The Construction Stormwater Coordinator coordinates with the NPDES Coordinator and reports instances of stormwater discharges from highway facilities to the Regional Board. The Construction Stormwater Coordinator is responsible for conducting inspections to assist the Registered Engineer (RE) in ensuring that stormwater controls are implemented on construction sites and to assist the REs in reviewing Stormwater Pollution Prevention Plans (SWPPPs)/Water Pollution Control Programs (WPCPs) for adequacy, as well as uploading and reviewing project information into SMARTS.

Engineering Services (Hydraulics) Representative

The Hydraulics Representative provides assistance with treatment design.

Public Affairs Coordinator

The Public Information Officer is the lead for Public Outreach activities within the District.

Encroachment Permits Stormwater Coordinator

The District Encroachment Permits Stormwater Coordinator serves as a point of contact for all Encroachment Permits Stormwater Program inquiries. In coordination with the NPDES Coordinator, the Encroachment Permits Stormwater Coordinator reports instances of stormwater discharges from highway facilities to the Regional Board.

Landscape Architecture Coordinator

The Landscape Architecture Coordinator prepares erosion control plans and specifications for capital projects.

Table 2-1 lists staff members responsible for implementing the Stormwater Program.

Table 2-1: District 1 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Kevin Church	Chief, North Region Office of Environmental Engineering – North	(707) 445-5201	kevin.church@ dot.ca.gov	Oversees all Office of Environmental Engineering - North employees within District 1
Samantha Hadden	North Region District 1 NPDES Coordinator	(707) 441-5629	samantha.hadden@ dot.ca.gov	Primary contact for all District 1 NPDES stormwater issues
Wes Faubel	North Region Design Stormwater Coordinator	(530) 225-3412	wesley.faubel@ dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance with SWMP
Sheila Sadkowski	North Region Assistant Design Stormwater Coordinator	(707) 445-5277	sheila.sadkowski@ dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance with SWMP
James McGee (Acting)	North Region Construction Stormwater Coordinator – West Area	(707) 441- 3921	james.mcgee@ dot.ca.gov	Assists RE, inspects stormwater controls on construction sites, reviews SWPPPs/WPCPs
Brett Johnson	District 1 Maintenance Stormwater Coordinator	(707) 441-2014	brett.johnson@ dot.ca.gov	Primary contact for Stormwater issues associated with District 1 Maintenance activities
Sebastian Cohen	District 1 Supervising Senior, Hydraulics Engineer	(707) 445- 6556	sebastian.cohen @dot.ca.gov	Supervises Maintenance Stormwater Coordinator, Major Damage Coordinator and Maintenance Hydraulics
Phlora Barbash	District 1 Landscape Architect	(707) 441-3974	phlora.barbash@ dot.ca.gov	Provides erosion control and stormwater treatment designs and specifications

Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater Program. It also includes delegation of signatory authority for key Conformed NPDES Permit and SWMP required documents.

Table 2-2: District 1 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Matt Brady, District 1 Director	(707) 445-6445	matt.brady@ dot.ca.gov	All District Documents
Construction Engineer/Resident Engineers, NR Construction, District 1	-	-	SWPPP, Notice of Intent (NOI), Notice of Termination (NOT), Notice and Non-Compliance Reporting, Discharge or threat of Discharge Notification, Incident Report Form
Brett Johnson, District 1 Maintenance Stormwater Coordinator	(707) 441-2014	brett.johnson@ dot.ca.gov	FPPPs, SWDRs
Samantha Hadden, District 1 NPDES Coordinator	(707) 441-5629	samantha.hadden@ dot.ca.gov	Technical Reports on water quality
District 1 Project Managers	-	-	401 Certification Applications and Requests for Reports of Waste Discharge Requirements
Sheila Sadkowski, NR Stormwater Design Coordinator, District 1	(707) 445-5277	sheila.sadkaowski @dot.ca.gov	SWDRs

Figure 2-1 shows an organizational chart describing key persons with responsibilities for stormwater operations within the District.

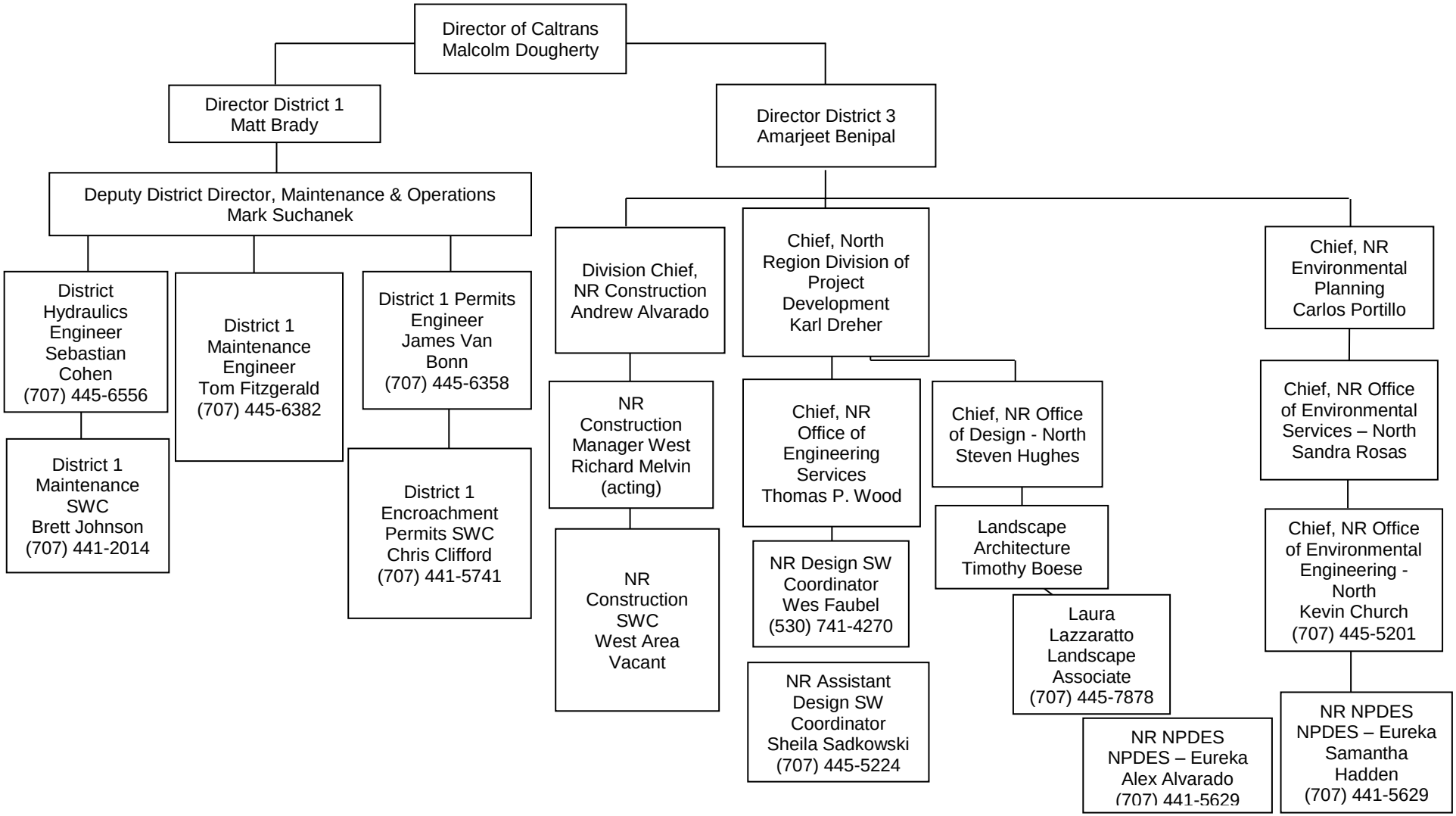

Figure 2-1: District 1 Organizational Chart

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3 District Facilities and Water Bodies

Section 3 of the DWP identifies maintenance stations (including crew functions and street addresses), vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, toll road and bridge plazas, equipment shops, and other Caltrans facilities. Facility Pollution Prevention Plans (FPPPs) are prepared and implemented at Maintenance facilities within the District's boundaries, such as maintenance stations, material storage facilities, and equipment shops. To comply with Department of Homeland Security policy, the table and map identifying these facilities is not available to the public. For more information, contact Caltrans' Office of Emergency Management or Division of Environmental Analysis.

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4 Drinking Water Reservoirs and Recharge Facilities

Section 4 of the DWP describes and identifies the high-risk areas, which are locations where spills or other releases from District-owned rights-of-way, roadways, or facilities may discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. Projects that potentially drain to these high-risk areas consider project features that enhance spill response.

Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs or facilities can discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. To generate the list of municipal, domestic water supply reservoirs, and groundwater percolation facilities, the District first contacted known public and private water supply providers. From the information received, the District determined which facilities were susceptible to a direct spill from a District activity or facility. This determination was based on proximity between the water body and the District's facility, use characteristics of the facility, and the probable spill response time.

When planning projects within these defined areas, District 1 considers project design features for aiding in the prevention of accidental spills that could impact the area; these features are typically commensurate with safety improvements for reducing vehicle accidents. Examples of these features may include, but are not limited to, median barrier, guardrail, signalization, and vehicle restrictions. Features considered for improving spill response time typically include elongated drainage paths, call boxes, signage, or video surveillance.

A list of drinking water reservoirs and recharge facilities within District 1 is presented in Table 4-1.

Table 4-1: District 1 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
96/0.24	HUM	1	Willow Creek	Water intake for Willow Creek Community Services District	Intake less than 0.1 miles downstream of Bridge No. 04-0135
101/103.66	HUM	1	Savage Creek	Water intake for Seawood Estates and Trinidad Safety Roadside Rest Area	Roadway drains to facility
1/33.6	MEN	1	Greenwood Creek	Water intake for Town of Elk	Intake below Bridge No. 10-0123
101/42.9	MEN	1	Chinquapin Lake Intake	Water for Pine Mountain Mutual Water Company	2 miles to facility
101/42.8	MEN	1	Morris Reservoir	Water for City of Willits	0.8 miles to facility

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5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 1 that have slopes which are prone to erosion and sediment discharge. The road segments that are located in sensitive watersheds, or where there is an existing or potential threat to water quality, will be prioritized for implementing appropriate controls to the maximum extent practicable. In each Annual Report, the status of stabilization activities where applicable will be reported. Table 5-1 is District 1's inventory of vulnerable road segments where erosion occurs and stabilization may be required, or where rock cut slopes are located and rock falls have occurred.

Table 5-1: District 1 Inventory of Road Segments Prone to Erosion

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
Route 199 Post Mile (PM) 20 – 20.75	Del Norte	North Coast Region 1	Lower Middle Fork Smith River	TBD/Ongoing
Route 199 PM 22.5 – 23.1	Del Norte	North Coast Region 1	Lower Middle Fork Smith River	TBD/Ongoing
Route 199 PM 26.5 – 27	Del Norte	North Coast Region 1	Upper Middle Fork Smith River	TBD/Ongoing
Route 199 PM 17 – 18	Del Norte	North Coast Region 1	Lower Middle Fork Smith River	TBD/Ongoing
Route 36 PM 31 – 33	Humboldt	North Coast Region 1	Butte Creek*, Hoagland Creek-Van Duzen River*	TBD/Ongoing
Route 96 PM 10.3 – 10.8	Humboldt	North Coast Region 1	Campbell Creek-Trinity River*	TBD/Ongoing
Route 96 PM 17 – 19.5	Humboldt	North Coast Region 1	Deerhorn Creek-Trinity River*	TBD/Ongoing
Route 96 PM 23.1 – 36.3	Humboldt	North Coast Region 1	Boise Creek-Klamath River*, Slate Creek-Klamath River*, Bluff Creek*	TBD/Ongoing
Route 96 PM 3 – 8	Humboldt	North Coast Region 1	Campbell Creek-Trinity River*	TBD/Ongoing
Route 96 PM 10.4	Humboldt	North Coast Region 1	Campbell Creek-Trinity River*	TBD/Ongoing
Route 96 PM 41.5 – 44.5	Humboldt	North Coast Region 1	Boise Creek-Klamath River*	TBD/Ongoing
Route 101 PM 0.306 – 4	Humboldt	North Coast Region 1	Fish Creek-South Fork Eel River*	TBD/Ongoing
Route 101 PM 9 – 10	Humboldt	North Coast Region 1	Ohman Creek-South Fork Eel River*, Lower East Branch South Fork Eel River*	TBD/Ongoing
Route 101 PM 7 – 7.5	Humboldt	North Coast Region 1	Fish Creek-South Fork Eel River*	TBD/Ongoing
Route 101 PM 40.9 – 41.2	Humboldt	North Coast Region 1	Bear Creek-Eel River*	TBD/Ongoing
Route 169 PM 13.2 – 33.84	Humboldt	North Coast Region 1	Ah Pah Creek-Klamath River*, Pecwan Creek*, Mettah Creek-Klamath River*, Tully Creek-Klamath River*, Slate Creek-Klamath River*	TBD/Ongoing
Route 254 PM 42 – 43	Humboldt	North Coast Region 1	Bear Creek-Eel River*	TBD/Ongoing
Route 299 PM 31	Humboldt	North Coast Region 1	Willow Creek*	TBD/Ongoing
Route 299 PM 34.8	Humboldt	North Coast Region 1	Willow Creek*	TBD/Ongoing

Table 5-1: District 1 Inventory of Road Segments Prone to Erosion

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
Route 299 PM 34.9	Humboldt	North Coast Region 1	Willow Creek*	TBD/Ongoing
Route 299 PM 36.2	Humboldt	North Coast Region 1	Willow Creek*	TBD/Ongoing
Route 299 PM 1.5 – 2	Humboldt	North Coast Region 1	Mill Creek-Mad River*	TBD/Ongoing
Route 20 PM 22.5	Mendocino	North Coast Region 1	North Fork Big River*	TBD/Ongoing
Route 101B PM 2.75 – 2.8	Mendocino	North Coast Region 1	Cummiskey Creek-Russian River	TBD/Ongoing
Route 101B PM 3.5 – 4	Mendocino	North Coast Region 1	Cummiskey Creek-Russian River	TBD/Ongoing
Route 101B PM 59.3 – 100	Mendocino	North Coast Region 1	Red Mountain Creek-South Fork Eel River*, Cedar Creek-South Fork Eel River*, Rattlesnake Creek*, Lower Tenmile Creek*, Upper Tenmile Creek*, Long Valley Creek*	TBD/Ongoing
Route 162 PM 12.92	Mendocino	North Coast Region 1	Division Creek-Eel River*	TBD/Ongoing
Route 162 PM 17.25	Mendocino	North Coast Region 1	Goforth Creek-Middle Fork Eel River*	TBD/Ongoing
Route 253 PM 12 – 14.2	Mendocino	North Coast Region 1	Robinson Creek	TBD/Ongoing
Route 271 PM 0.55	Mendocino	North Coast Region 1	Rattlesnake Creek*	TBD/Ongoing

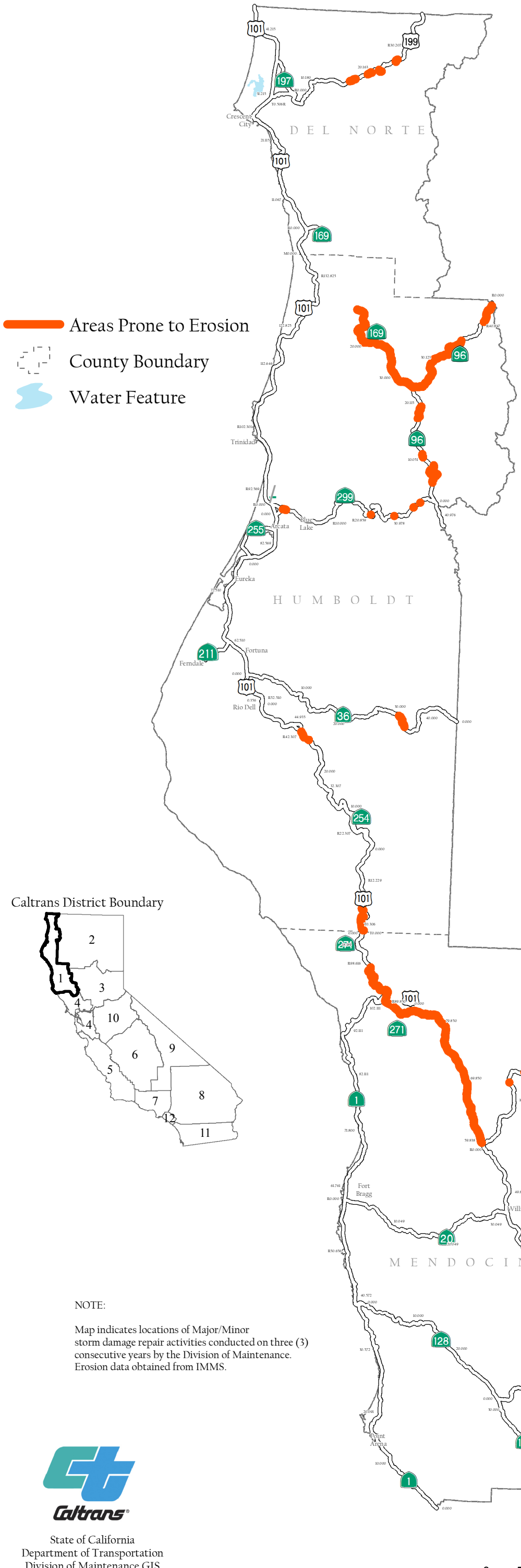
* Watershed contains a water body that has a Category B (Sediment/Nutrient/Mercury/Siltation/Turbidity) Total Maximum Daily Load established.

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 1 in 2017, including rock cut slopes, landslides, and moderate soil erosion.

Figure 5-1

District 1

California State Highway System
2017 Areas Prone to Erosion



Areas Prone to Erosion

District	County	Route	PM
1	DN	199	20/20.75
1	DN	199	22.5/23.1
1	DN	199	26.5/27
1	DN	199	17/18
1	HUM	36	31/33
1	HUM	96	10.3/10.8
1	HUM	96	17/19.5
1	HUM	96	23.1/36.3
1	HUM	96	3/8
1	HUM	96	10.4/10.4
1	HUM	96	41.5/44.5
1	HUM	101	0.306/4
1	HUM	101	9/10
1	HUM	101	7/7.5
1	HUM	101	40.9/41.2
1	HUM	169	13.2/33.84
1	HUM	254	42/43
1	HUM	299	31/31
1	HUM	299	34.8/34.8
1	HUM	299	34.9/34.9
1	HUM	299	36.2/36.2
1	HUM	299	1.5/2
1	MEN	20	22.5/22.5
1	MEN	101	2.75/2.8
1	MEN	101	3.5/4
1	MEN	101	59.3/100
1	MEN	162	12.92/12.92
1	MEN	162	17.25/17.25
1	MEN	253	12/14.2
1	MEN	271	0.55/0.55

NOTE:

Map indicates locations of Major/Minor storm damage repair activities conducted on three (3) consecutive years by the Division of Maintenance. Erosion data obtained from IMMS.

State of California
Department of Transportation
Division of Maintenance GIS
July 19,2017
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6 Implementation

Section 6 of the DWP identifies the specific projects in which work is planned during the fiscal year within the Project Approval/Environmental Document (PA/ED), Plans, Specifications, and Estimates (PS&E), and Construction development phases. The anticipated schedule of construction and maintenance projects is subject to change. These projects are limited to those meeting any of the following criteria:

1. All projects that require soil disturbing activities
2. Adjacent to a Drinking Water or Groundwater Recharge Facility, as described in Section 4 of the DWP
3. A supplemental environmental project
4. Additional projects per agreement between the District and local RWQCB

Projects listed in Table 6-1 include (where applicable):

1. Location (county, route, and post mile limits)
2. Project number (expense authorization)
3. Basic Project Description
4. Disturbed soil area
5. Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies (adopted)
6. Drinking Water Reservoir or Groundwater Recharge Facility within or adjacent to project (as identified in Section 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Description of Construction Controls
9. Post-Construction Treatment Controls (types and quantities)
10. Dredge and fill (CWA-401) activities within the project
11. Other Regional Water Control Board Permits Required
12. Potential and Actual Impacts of Project's Discharge
13. Area of New Impervious Surface
14. Percentage of New Impervious Surface to Existing Impervious Surface

The updated lists of projects meeting these criteria will also be provided to the RWQCB annually on October 1. Furthermore, this section identifies planned maintenance projects with soil disturbance. Information associated with the project includes location, affected water body, and area of disturbance. In addition, this section also describes the planned stormwater monitoring activities within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, the information contained in a DWP may be repeated in another DWP.

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Table 6-1: District 1 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)[8]	Area of New Impervious Surface (acres)[9]	Percentage of New Impervious Surface to Existing Impervious Surface[10]	Description of Construction Controls (SWPPP/WPCP/TBD)[11]	Post-Construction Treatment Control Type, Quantity[12]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
1	01-0B090	Del Norte	101	8.2	8.7	1	Hunter/Panther Creek Bridge Replacement	Hunter Creek, Panther Creek, (Klamath River)	Y	Tribal EPA	-	>1	1.78	14	SWPPP	BS	7/1/18	2/15/19	6/15/20	12/30/23
2	01-49350	Del Norte	101	12.94	21.23	1	DN 101 Reconstruct Drainage	Smith River	Y	-	-	-	-	-	TBD	E	1/2/17	3/1/18	1/1/18	1/1/19
3	01-0B27U	Del Norte	101	14.9	15.3	1	Repair Storm Damage	Wilson Creek	N	-	-	0	0	0	WPCP	E	8/25/14	11/30/15	5/23/16	8/8/17
4	01-0C241	Del Norte	101	15	15	1	South Last Chance Wall	Wilson Creek, Frontal Pacific Ocean	N	-	-	0.45	0	-	WPCP	C	8/25/14	11/30/15	5/11/16	10/1/18
5	01-0B280	Del Norte	101	17.5	17.5	1	Log Crossing Repair Reconstruct Roadway	Wilson Creek	N	-	-	0.4	0	0	WPCP	E	12/30/14	12/23/15	4/11/16	10/29/17
6	01-0B300	Del Norte	101	22	22	1	South Hamilton Slipout	Smith River Plain	N	-	-	0.25	0	0	WPCP	E	6/30/14	4/3/15	10/2/15	8/1/18
7	01-0C660	Del Norte	101	25.8	27.3	1	Crescent City Gateway	Lower Smith River	N	-	-	TBD	-	-	TBD	C	3/15/18	12/1/18	9/1/19	12/1/21
8	01-0A100	Del Norte	101	35.77	35.77	1	DN Seismic Retrofit	Smith River	N	ROWD	-	< 1	0	-	WPCP	E	2/25/15	12/23/15	4/28/16	8/22/17
9	01-43640	Del Norte	101	35.8	36.5	1	Dr. Fine Bridge Replacement	Smith River	Y	401 Certification	-	7.4	1.2	-	SWPPP	BS	2/1/18	12/1/18	9/1/19	12/1/23
10	01-45490	Del Norte	197	3.2	4	1	Ruby 2 Widening	Smith River	Y	401 Certification	-	2	0.14	-	SWPPP	C	4/11/13	9/1/17	5/1/18	2/1/19
11	01-48110	Del Norte	197	4.5	4.5	1	Ruby 1 Widening	Smith River	N	-	-	0.3	0.07	< 1	WPCP	E	4/11/13	2/14/14	1/2/18	8/1/19
12	01-48800	Del Norte	199	1	37	1	Del Norte County Culvert Rehab	Smith River	Y	401 Certification	-	TBD	TBD	TBD	TBD	E	1/1/19	12/1/19	8/1/20	12/1/22
13	01-0B260	Del Norte	199	8	8.25	1	Smith River Curve Improvement	Smith River	N	-	-	0.75	0.01	-	WPCP	E	5/20/15	3/7/16	11/28/16	1/31/18
14	01-47940	Del Norte	199	20.5	25.7	1	Patrick Creek Narrows Bridge Replacement and Widening	Middle Fork Smith River	Y	401 Certification	-	2.8	0.4	-	SWPPP	C	4/11/13	4/16/13	6/1/18	12/1/20
15	01-4500U	Del Norte	199	22.7	26.5	1	Washington Narrows STAA Widening	Smith River, Middle Fork Smith River	Y	401 Certification	-	2.74	0.29	0.18	SWPPP	C	4/11/13	7/1/18	4/1/19	9/1/19
16	01-0B320	Del Norte	199	24.7	24.7	1	Middle Fork Wall	Smith River	N	-	-	0.2	0	0	WPCP	E	11/19/14	6/22/15	3/29/16	8/25/17
17	01-0E140	Del Norte	199	33.1	36.2	1	Restore Collier Tunnel Communication	Smith River	N	-	-	< 1	0	-	WPCP	E	7/1/18	3/1/20	10/1/20	11/1/22

[1] Regional Board
[2] Supplemental Environmental Projects designated as "SEP."
[3] Projects adjacent to Drinking Water Reservoirs or Groundwater Recharge Facilities are noted (DW) and (GW), respectively.
[4] Water bodies with a 303(d) designation are noted in parentheses.
[5] If yes, a 401 permit will be required for this project. NA = Not Available at this time.
[6] Regional Water Board Permits required other than Construction General Permit and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.
[7] This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.
[8] SWDR
[9] SWDR
[10] SWDR
[11] A description of the Construction Controls is available in the project's Storm Water Pollution Prevention Plan (SWPPP), Water Pollution Control Plan (WPCP), or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.
[12] Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-1: District 1 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)[8]	Area of New Impervious Surface (acres)[9]	Percentage of New Impervious Surface to Existing Impervious Surface[10]	Description of Construction Controls (SWPPP/WPCP/TBD)[11]	Post-Construction Treatment Control Type, Quantity[12]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
18	01-0C470	Del Norte	199	33.41	33.41	1	Collier Rest Area Rehab	Smith River	N	-	-	-	-	-	TBD	E	10/1/17	3/6/18	12/1/18	12/1/20
19	01-0E010	Humboldt	36	0.1	1.6	1	Alton 015 Shoulder Widening	(Eel River)	Y	401 Certification	-	6	2.8	39	SWPPP	C	9/1/18	12/1/19	12/1/21	12/1/21
20	01-0C500	Humboldt	36	11.4	34.5	1	Bridge Rail Replacement - 3 bridges	(Van Duzen River)	Y	401 Certification	-	-	-	-	TBD	C	9/1/18	2/15/19	9/1/19	12/1/22
21	01-0C150	Humboldt	36	21.5	21.5	1	Stormwater 335 Project	Van Duzen River	N	-	-	3.2	0.1	0	SWPPP	BS	9/1/20	6/1/21	4/1/22	7/1/23
22	01-0B340	Humboldt	36	22.8	27.7	1	Larabee 3 Slip Repair	(Van Duzen River)	N	-	-	0.79	0	-	WPCP	E	6/26/14	3/20/15	8/31/15	12/1/17
23	01-43730	Humboldt	36	36.1	40.5	1	Buck Mountain Bridge Realignment and Widening	(Van Duzen)	N	-	-	-	15.2	1	SWPPP	C	1/30/15	7/1/16	1/1/17	1/1/19
24	01-0A120	Humboldt	96	0.24	37.25	1	Three HUM Bridges Seismic Restoration	(Trinity River)	Y	Tribal EPA	-	TBD	TBD	-	TBD	E	2/1/19	12/1/19	8/1/20	12/7/24
25	01-46480	Humboldt	101	1.1	2.2	1	Richardson Grove Operational Improvement Project	(Eel River)	Y	401 Certification	-	0.73	0.29	-	WPCP	E	5/22/17	2/1/18	1/1/19	6/1/20
26	01-0E770	Humboldt	101	17.89	87.84	1	HUM 101 Strengthen Three Bridges	(SF Eel River)	N	-	-	TBD	TBD	TBD	TBD	C	1/1/19	11/1/19	12/25/20	12/24/21
27	01-0A110	Humboldt	101	27.7	53.9	1	Eel River Bridge Seismic Retrofit	Eel River	Y	401 Certification	-	<1	0	-	WPCP	E	9/1/18	8/1/19	7/1/20	12/1/20
28	01-0A111	Humboldt	101	27.7	27.7	1	Bridge Seismic Retrofit	SF Eel River	Y	401 Certification	-	TBD	TBD	TBD	TBD	TBD	5/1/21	6/1/22	1/1/20	6/1/25
29	01-0G960	Humboldt	101	50.5	50.5	1	Repair Storm Damage	SF Eel River	Y	401 Certification	-	-	-	-	WPCP	E	10/1/17	12/31/17	4/26/17	3/1/20
30	01-0C570	Humboldt	101	69.9	75.2	1	Pavement Preservation	(Elk River)	N	-	-	-	-	-	TBD	E	10/15/18	1/1/20	06/22/20	10/01/22
31	01-0E670	Humboldt	101	75	77.97	1	Modify Signals	(Humboldt Bay)	N	-	-	-	-	-	WPCP	E	7/1/18	3/1/18	7/15/19	10/15/20
32	01-0B620	Humboldt	101	75.3	77.6	1	ADA Curb and Ramp Upgrades	Elk River, Freshwater Creek	N	-	-	1.24	0.3	TBD	SWPPP	C	5/20/15	3/7/16	9/1/20	7/1/22
33	01-0C710	Humboldt	101	77	77.5	1	Intersection Control Evaluation	(Humboldt Bay)	N	-	-	0	0	-	-	E	3/22/17	4/20/18	2/1/19	11/1/19
34	01-0C110	Humboldt	101	77.5	77.5	1	Rehab or Replace D1 Materials Lab	Humboldt Bay	N	-	-	TBD	TBD	TBD	TBD	C	4/1/19	6/5/20	12/1/20	6/1/22
35	01-0E040	Humboldt	101	78	79.8	1	Eureka CAPM	(Freshwater Creek), (Humboldt Bay)	N	-	-	TBD	TBD	TBD	TBD	E	5/1/18	2/15/19	10/3/19	12/1/20
36	01-0E680	Humboldt	101	78.02	79.44	1	4th Street Safety Traffic Calming	(Humboldt Bay)	N	-	-	-	-	-	TBD	E	7/1/18	7/4/19	3/12/20	12/1/21
37	01-0F200	Humboldt	101	79.78	79.78	1	Eureka Slough Bridge Rehabilitation	Freshwater Creek, (Humboldt Bay)	Y	401 Certification	-	TBD	TBD	TBD	SWPPP	C	2/1/2019	12/1/19	9/19/20	12/1/24
38	01-36600	Humboldt	101	79.8	85.8	1	Eureka/Arcata Corridor Improvements	(Freshwater Creek), (Humboldt Bay), (Jacoby Creek)	Y	401 Certification	-	52	9	-	SWPPP	C	1/10/17	9/1/18	3/1/21	12/1/23

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No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)[8]	Area of New Impervious Surface (acres)[9]	Percentage of New Impervious Surface to Existing Impervious Surface[10]	Description of Construction Controls (SWPPP/WPCP/TBD)[11]	Post-Construction Treatment Control Type, Quantity[12]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
39	01-0C970	Humboldt	101	79.9	86.3	1	Eureka/Arcata Corridor MBGR	(Humboldt Bay), (Jacoby Creek), (Freshwater Creek)	N	-	-	TBD	TBD	TBD	TBD	C	1/10/17	9/1/18	6/20/19	12/1/20
40	01-0F220	Humboldt	101	79.9	86.1	1	255/101 Junction Eureka/Arcata Excel/Decel Lane	(Freshwater Creek), Jacoby Creek, Humboldt Bay	Y	401 Certification	-	TBD	TBD	TBD	SWPPP	C	1/10/2017	1/18/19	8/1/2020	12/1/20
41	01-0E000	Humboldt	101	84.5	84.7	1	Corridor Bridge Rails	(Jacoby Creek), (Freshwater Creek), (Humboldt Bay)	Y	401 Certification	-	1.53	0.02	1	SWPPP	C	1/10/17	10/20/18	6/20/19	12/1/21
42	01-0E100	Humboldt	101	87.7	88	1	Two HUM Bridges Clean and Paint	McDaniel Slough	N	ROWD	-	0	0	-	WPCP	E	8/29/16	2/10/17	1/1/20	11/1/21
43	01-0E650	Humboldt	101	88.2	88.3	1	HUM 299 Offramp Improvement	Humboldt Bay, Frontal-Pacific Ocean	Y	401 Certification	-	4.4	1.14	TBD	SWPPP	C	9/1/18	11/1/19	5/1/20	7/1/21
44	01-0E890	Humboldt	101	88.3	88.6	1	Upgrade Highway Ramps	(SF Eel River)	N	-	-	TBD	TBD	TBD	TBD	TBD	10/1/20	11/1/21	3/23/21	9/13/22
45	01-48040	Humboldt	101	98.4	100.7	1	Trinidad Rancheria Interchange	McConnahas Mill Creek, Luffenholtz Creek	N	-	-	-	-	-	TBD	C	7/1/18	11/1/19	4/1/20	7/1/23
46	01-0C440	Humboldt	101	102.9	105.2	1	Rehab Safety Roadside	Savage Creek	N	-	-	-	-	-	TBD	C	10/1/17	3/16/18	4/1/19	5/1/20
47	01-0B420	Humboldt	101	110.6	113.8	1	Construct Buttress and Dewater Slope	Big Lagoon	Y	401 Certification	-	3.1	0	0	SWPPP	E	6/30/15	3/24/17	9/4/17	12/8/18
48	01-0B430	Humboldt	101	111.4	111.6	1	Big Lagoon (Walls) Slipout Repair	Big Lagoon	N	-	-	1	0	0	SWPPP	E	11/26/14	6/23/16	12/21/16	2/14/18
49	01-0B440	Humboldt	169	26.4	29.9	1	Weitchpec Slipouts	(Klamath River)	Y	Tribal EPA	-	> 1	0	0	SWPPP	E	12/2/14	5/20/16	12/15/16	12/1/17
50	01-43050	Humboldt	169	33.5	33.8	1	Weitchpec Curve	(Klamath River)	Y	Tribal EPA	-	>1	TBD	TBD	SWPPP	E	9/1/18	12/1/19	9/1/20	7/1/23
51	01-43060	Humboldt	254	0.8	43.1	1	Avenue of the Giants Four Bridges Project	(South Fork Eel River), (Eel River)	N	ROWD	-	0.2	0	-	WPCP	E	6/13/16	6/17/16	1/10/17	10/24/17
52	01-47531	Humboldt	254	4.4	11.2	1	254 Three Culverts Repair	(South Fork Eel River)	N	401 Certification	-	0.5	0	-	SWPPP	C	6/28/16	5/4/17	9/5/18	10/1/19
53	01-40950	Humboldt	254	6.8	42.1	1	Avenue Culvert Rehab	(Eel River)	Y	401 Certification	-	0.25	0	-	WPCP	C	10/1/17	10/1/18	7/1/19	12/1/19
54	01-48960	Humboldt	254	42.2	42.2	1	Bank Stabilization	(Eel River)	Y	TBF	-	-	-	-	TBD	E	7/1/19	-	10/1/21	7/1/24
55	01-36601	Humboldt	255	6	7.6	1	Eureka/Arcata Corridor Mitigation	(Humboldt Bay)	Y	401 Certification	-	TBD	0	0	TBD	C	11/1/18	12/15/19	6/6/20	12/1/21
56	01-0A280	Humboldt	283	0.1	0.4	1	Seismic Retrofit	Eel River	Y	TBD	-	TBD	TBD	TBD	TBD	TBD	4/27/18	6/5/20	1/11/21	7/5/22
57	01-0E840	Humboldt	283	0.12	0.12	1	Clean and Paint Eel River OH	(Eel River)	N	ROWD	-	0	0	-	WPCP	E	6/15/16	2/1/17	10/1/17	3/1/19

Table 6-1: District 1 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)[8]	Area of New Impervious Surface (acres)[9]	Percentage of New Impervious Surface to Existing Impervious Surface[10]	Description of Construction Controls (SWPPP/WPCP/TBD)[11]	Post-Construction Treatment Control Type, Quantity[12]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
58	01-49830	Humboldt	299	5.7	38.6	1	Grind-in Shoulder Rumble to Willow Creek	(Mad River), (Redwood Creek), (Trinity River)	N	-	-	-	-	-	WPCP	E	10/1/15	3/31/17	11/7/17	2/15/19
59	01-49210	Humboldt	299	9.42	34.2	1	HUM 299 Reconstruct Drainage	(Mad River), (Redwood Creek), (Trinity River)	Y	401 Certification	-	1	0	0	0	E	6/12/17	12/1/17	7/1/20	12/1/21
60	01-0E030	Humboldt	299	16.1	26.6	1	Slope Repair and Drainage Improvements (SHOPP 335)	(Redwood Creek)	Y	TBD	-	1.5	0	0	SWPPP	C	2/1/18	5/1/19	1/1/2020	12/1/22
61	01-0A370	Humboldt	299	23.6	23.9	1	Sabertooth Shoulder Widening Curve Improvement	(Redwood Creek)	N	-	-	3	0.58	34	SWPPP	BS	10/12/15	1/2/16	7/21/16	7/19/17
62	01-0A460	Humboldt and Mendocino	1 271 254	-	-	1	8 Bridges Scour Repair	Garcia River, Elk Creek, (Navarro River), Cottonvena Creek, (SF Eel River), Greenlaw Creek, (Eel River)	Y	401 Certification	-	< 1	0	0	TBD	E	3/15/16	11/1/16	6/30/17	11/1/17
63	01-0C160	Lake	20	2.35	40.35	5	Lake 20 Stormwater; Slope and Drainage System Improvements	(Clear Lake), (Cache Creek)	Y	401 Certification	-	TBD	TBD	TBD	TBD	C	3/1/22	6/1/23	1/1/24	6/30/36
64	01-0C810	Lake	20	31.2	32	5	LAK 20/53 Intersection Improvement	(Cache Creek), (Clear Lake)	Y	401 Certification	-	0.8	0	-	SWPPP	C	8/1/16	2/1/18	8/1/18	12/1/19
65	01-0C750	Lake	29	9.6	10.3	5	LAK 29/Hartman Road Roundabout	Upper Putah Creek	N	-	-	7.1	2.1	105	SWPPP	C	8/1/16	10/1/17	4/1/18	2/15/20
66	01-0E720	Lake	29	12.78	14.35	5	Hofacker Lane Shoulder Widening	(Clear Lake)	Y	401 Certification	-	2	1.9	TBD	SWPPP	C	10/1/18	9/15/19	4/15/20	12/1/21
67	01-0E730	Lake	29	17.74	20.73	5	Lake 29 Widening and Truck Lane	(Cache Creek)	N	TBD	-	TBD	TBD	TBD	TBD	C	10/1/18	9/15/19	4/16/20	12/1/21
68	01-48750	Lake	29	20.4	20.6	5	Shoulder Widening	Seigler Canyon Creek	N	-	-	-	-	-	TBD	C	8/1/20	-	2/01/21	10/1/21
69	01-2981U	Lake	29	23.8	31.6	5	Lake 29 Expressway Upgrade to 4 Lane	Cache Creek	Y	401 Certification	-	380	83	-	SWPPP	BS, 40	11/30/16	12/1/18	8/3/19	12/1/22
70	01-0E640	Lake	29	34.17	34.5	5	Cruikshank Safety Left Hand Turn and Accel Lane	(Cache Creek), Cole Creek	N	-	-	2.5	0.4	0	SWPPP	C	8/5/16	3/20/17	9/18/17	1/1/19
71	01-0E080	Lake	29	38.9	50.8	5	Bridge Rail Upgrade Five LAK Bridges	(Cache Creek), (Clear Lake), Kelsey Creek	N	TBD	-	TBD	TBD	TBD	TBD	E	1/1/19	7/15/19	1/1/20	11/1/21
72	01-0B690	Lake	29	41.42	41.42	5	Lakeport OC ADA	Clear Lake	N	-	-	0.3	0.3	0	TBD	E	4/12/16	3/10/17	8/15/17	11/1/18
73	01-0A040	Lake	175	24	27.5	5	LAK 175 - Middletown Shoulder Widening	Upper Putah Creek, Dry Creek	Y	401 Certification	-	27	2.3	0.82	SWPPP	C	5/22/17	5/13/18	10/17/18	10/18/21
74	01-0E820	Lake	Var	-	-	5	Upgrade East Lake TMS	(Clear Lake)	N	-	-	<1	0	0	WPCP	E	7/1/19	7/13/20	12/17/20	11/18/22

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
75	01-44060	Mendocino	1	12.3	74.6	1	Construct turnouts	Garcia River, Ten Mile River	N	-	-	0.37	0.25	-	WPCP	E	11/1/16	8/23/17	1/12/18	10/12/18
76	01-0E110	Mendocino	1	31.35	31.35	1	Two MEN Bridges Clean and Paint	Elk Creek	N	ROWD	-	-	-	-	WPCP	E	1/1/2017	-	2/15/17	4/1/18
77	01-0H000	Mendocino	1	34.4	38.4	1	Repair Culvert-Storm Damage	Greenwood Cr (Pacific Ocean)	Y	401 Certification	-	-	-	-	WPCP	E	1/1/17	-	2/15/17	4/1/18
78	01-0C550	Mendocino	1	41.75	42.25	1	Navarro Ridge Safety Project	(Navarro River)	N	-	-	TBD	TBD	TBD	TBD	C	2/1/18	4/1/19	5/1/20	10/15/21
79	01-0E940	Mendocino	1	42.3	42.4	1	Navarro Drainage Reconstruct Drainage	(Navarro River)	Y	401 Certification	-	TBD	TBD	-	TBD	E	12/4/18	12/1/19	8/1/20	10/1/21
80	01-40140	Mendocino	1	42.4	43.3	1	Salmon Creek Bridge Replacement	Salmon Creek	Y	401 Certification	-	TBD	TBD	TBD	TBD	C	11/15/18	10/18/19	3/1/20	10/1/24
81	01-0E240	Mendocino	1	43.3	44.2	1	Mendocino Mitigation Bank	(Albion River)	N	-	-	-	-	-	TBD	E	3/6/15	-	11/1/18	10/1/20
82	01-40110	Mendocino	1	43.3	44.2	1	Albion River Bridge Replacement	(Albion River)	N	-	-	6.6	2	-	SWPPP	C	2/15/19	1/1/20	12/15/20	10/15/24
83	01-43480	Mendocino	1	48.05	62.12	5	Three Bridges Rail Upgrade and Widening	(Big River), (Noyo River), (Pudding Creek)	N	-	-	3.6	0.63	-	SWPPP	E	12/14/18	9/2/19	9/4/20	10/15/21
84	01-0C920	Mendocino	1	55	55.3	1	Caspar "Flashing Beacons"	TBD	N	-	-	-	-	-	WPCP	E	7/12/16	-	11/1/17	9/1/18
85	01-0E111	Mendocino	1	59.8	59.8	1	Hare Creek Bridge Rail Upgrade and Widening	Pudding Creek-Frontal Pacific Ocean	N	-	-	TBD	TBD	TBD	TBD	C	10/1/18	1/1/20	12/1/20	10/1/22
86	01-36270	Mendocino	1	62.1	78.9	1	Pudding Creek CAPM	Noyo River, Pudding Creek	N	-	-	<1	0	0	WPCP	E	9/1/18	6/15/19	10/1/19	2/1/21
87	01-41530	Mendocino	1	87.9	90.9	1	CAPM	Wages Creek	N	-	-	<1	0	0	WPCP	E	3/1/20	4/1/22	12/1/22	11/1/24
88	01-0E860	Mendocino	20	16.95	17.1	1	MEN 20 Widen Shoulders and MBGR	(Big River)	Y	401 Certification	-	>1	TBD	TBD	SWPPP	C	10/15/18	1/18/19	6/19/20	10/15/21
89	01-0E090	Mendocino	20	33.4	34.2	1	Bridge Deck Rehabilitation	(Russian River)	N	-	-	TBD	TBD	TBD	TBD	E	2/15/19	2/1/20	9/1/20	3/1/23
90	01-0E470	Mendocino	20	37.84	38.34	1	MEN 20 and Potter Valley Road Resurfacing	(Russian River)	N	ROWD	-	0.2	-	0	WPCP	E	12/1/16	12/1/17	7/15/18	12/1/19
91	01-46630	Mendocino	101	0	9.6	1	Hopland CAPM	(Russian River)	N	-	-	<1	0	-	WPCP	E	9/1/18	4/15/19	10/1/19	2/1/21
92	01-0C760	Mendocino	101	0.7	3	1	Install Median Barrier	(Russian River)	N	-	-	0.63	0	-	WPCP	E	3/9/16	2/21/17	5/18/17	4/1/18
93	01-0B500	Mendocino	101	3.7	5.3	1	Repair Slipouts. Soldier Pile	(Russian River)	N	-	-	4.9	0.79	35	SWPPP	BS	4/3/15	3/28/16	11/3/16	12/2/19
94	01-0C430	Mendocino	101	20	45.89	1	3 MEN Bridges Scour Mitigation	(Russian River)	Y	401 Certification	-	0.69	0	-	WPCP	E	7/20/16	5/18/17	4/1/18	2/15/19
95	01-29302	Mendocino	101	42.1	42.1	1	Upgrade Bridge Rail South Willits OH	Davis Creek, (Upper Main Eel River)	N	-	-	0.2	-	-	WPCP	E	1/26/15	12/15/15	8/3/16	8/23/17
96	01-26200	Mendocino	101	43.1	49	1	Willits Bypass	Baechtal, Broaddus, Haehl, Upper Haehl, Mill, and Outlet Creeks	Y	401 Certification	-	220	40.5	-	SWPPP	BS, 79	12/18/06	9/26/11	7/15/12	12/22/16

Table 6-1: District 1 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)[8]	Area of New Impervious Surface (acres)[9]	Percentage of New Impervious Surface to Existing Impervious Surface[10]	Description of Construction Controls (SWPPP/WPCP/TBD)[11]	Post-Construction Treatment Control Type, Quantity[12]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
97	01-26203	Mendocino	101	45.3	47.9	1	Willits Bypass Relinquishment	Mill Creek, Broaddus Creek, Outlet Creek	N	-	-	0	0	0	TBD	C	5/18/15	9/1/17	5/1/18	12/31/19
98	01-0B830	Mendocino	101	47	47.6	1	Willits Sidewalks ADA Upgrade	Outlet Creek	N	-	-	-	-	-	WPCP	E	7/8/15	11/17/16	5/9/17	12/31/18
99	01-26204	Mendocino	101	47.2	47.3	1	Sherwood Road Geometric Upgrades - Willits Bypass	(Eel River)	N	-	-	2.03	0.26	63	SWPPP	C	5/28/15	5/4/17	5/1/18	12/31/19
100	01-26201	Mendocino	101	52	52.6	1	Ryan Creek Fish Passage	Ryan Creek, Outlet Creek, (Eel River)	N	-	-	1.3	0.14	0	SWPPP	E	6/4/14	1/25/16	12/16/16	3/1/19
101	01-0C450	Mendocino	101	58.9	82.5	1	Rehabilitate Water and Waste Systems at Moss Cove and Empire Camp SRRA's	(Eel River), (Outlet Creek), (SF Eel River), Rattlesnake Creek	N	-	-	TBD	TBD	TBD	TBD	C	4/1/18	12/15/19	8/15/20	10/1/24
102	01-0C370	Mendocino	101	89.2	89.2	1	Cedar Creek Culvert Fish Passage	(Eel River)	N	-	-	0.77	0	-	WPCP	E	6/4/15	4/1/16	11/28/16	11/1/19
103	01-0B510	Mendocino	101	93.2	R93.2	1	Repair Slide and Slipout	(South Fork Eel River)	N	-	-	0.6	0	0	WPCP	E	8/15/15	4/15/16	1/9/17	12/1/18
104	01-48400	Mendocino	101	104.5	104.5	1	Reconstruct Drainage	(Eel River)	Y	401 Certification	-	0.25	0	-	WPCP	E	1/2/16	1/2/17	7/1/17	10/1/18
105	01-0B520	Mendocino	128	39.5	39.5	1	Stabilize Roadway	Beebe Creek (Navarro River)	N	-	-	0.5	0	0	WPCP	E	8/13/15	4/22/15	12/9/16	7/1/18
106	01-0E380	Mendocino	162	1.2	34	1	Repair or Replace 18 Culverts	(Eel River), (MF Eel River), Outlet Creek, Mill Creek	Y	401 Certification	-	1.8	0	-	SWPPP	E	12/30/16	8/1/17	12/1/17	11/1/18
107	01-0B530	Mendocino	162	11.5	11.8	1	Rodeo Creek Slide II	(Eel River)	Y	401 Certification	-	1	TBD	TBD	SWPPP	C	7/1/18	2/1/19	12/1/19	10/15/21
108	01-0B540	Mendocino	162	13.9	22.7	1	Dos Rios Slips	(Eel River)	N	-	-	1.3	0	0	SWPPP	E	8/13/15	6/3/16	2/14/17	12/15/18
109	01-0B550	Mendocino	162	16.1	16.1	1	Stabilize Roadway	Outlet Creek	Y	401 Certification	-	1.1	0.53	48	SWPPP	E	10/16/15	10/15/16	7/1/17	12/1/19
110	01-0B560	Mendocino	253	1.5	1.8	1	Repair Slide	Anderson Creek, (Navarro River)	N	ROWD	-	2.7	0.2	TBD	SWPPP	E	9/28/15	7/18/16	3/24/17	1/15/19
111	01-0A840	Mendocino	271	17.7	18	1	McCoy Creek Bridge Replacement	McCoy Creek, (Eel River)	Y	401 Certification	-	1.2	0.37	69%	SWPPP	C	2/1/17	4/1/18	10/1/18	12/1/20
112	01-0A130	Mendocino	101 162	10 82	10 236	1	Two Bridges Seismic Retrofit	Russian River, Eel River	N	TBD	-	TBD	TBD	TBD	TBD	TBD	10/1/21	12/15/22	8/1/23	2/1/27

Table 6-1: District 1 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)[8]	Area of New Impervious Surface (acres)[9]	Percentage of New Impervious Surface to Existing Impervious Surface[10]	Description of Construction Controls (SWPPP/WPCP/TBD)[11]	Post-Construction Treatment Control Type, Quantity[12]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
113	01-0A470	Mendocino and Lake	101 162 253 175	var	var	1	7 Bridge Scour Repair	Kelsey Creek, Cole Creek, Maple Creek, (Russian River), Short Creek, (Outlet Creek), Robinson Creek, Austin Creek, Orr's Creek, (Broaddus Creek), Ten Mile Creek	Y	401 Certification	-	9	0	0	SWPPP	E	2/24/16	3/1/17	7/10/17	2/1/19
114	01-0C590	var	101	3.68	39.8	1	MBGR End Treatment Upgrades	(Klamath River)	N	-	-	-	-	-	TBD	E	1/26/16	10/1/16	6/1/17	12/1/18
115	01-42780	var	20 29 53	1.0 46.3 6.1 48.8 5.2 5.7	-	5	Lake 20/29/53 Culvert Rehab	(Clear Lake), (Cache Creek), Putah Creek	Y	401 Certification	-	0.8	0	-	SWPPP	E	12/1/16	1/4/18	8/1/18	12/1/19
116	01-0B820	var	var	var	var	1	Upgrade Metal Beam Guardrail	-	N	-	-	-	-	-	WPCP	E	10/12/15	12/15/16	6/27/17	12/15/18

Treatment Control Status Legend

BMP Device Types:

BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

* Water quality volume (WQV) infiltrates within the right-of-way. (When this is demonstrated for at least 90% of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)

Table 6-2 lists the planned maintenance projects that will disturb soil.

Table 6-2: District 1 Anticipated Significant Road Maintenance Activities

No.	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected[13]	Other Regional Water Board Permits Required[14]	Potential and Actual Impacts of Project's Discharge[15]	Disturbed Soil Area (acres)[16]	Area of New Impervious Surface (acres)[17]	Percentage of New Impervious Surface to Existing Impervious Surface[18]	Description of Construction Controls (SWPPP/ WPCP/ TBD/NA)[19]	Post-Construction Treatment Control Type, Quantity[20]	Start Date	Completion Date
The Maintenance Stormwater Coordinator does not anticipate any maintenance activities that fall outside the realm of routine maintenance.																

Treatment Control Status Legend

BMP Device Types:

BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

* WQV infiltrates within the right-of-way. (When this is demonstrated for at least 90% of the WQV, other types of treatment BMPs are not considered unless there is a location-specific requirement.)

[13] Receiving waters within or adjacent to maintenance activity designated as "303(d) (constituent type)." Activity adjacent to Drinking Water Reservoir or Groundwater Recharge Facilities designated as "DW."
[14] Regional Water Board Permits required other than Construction General Permit, such as Clean Water Act Section 401 water quality certification, Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.
[15] This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.
[16] SWDR
[17] SWDR
[18] SWDR
[19] A description of the Construction Controls is available in the project's SWPPP, WPCP, is To Be Determined (TBD) if the Disturbed Soil Area is unavailable, or is Not Applicable (NA) because there is no Disturbed Soil Area associated with the project.
[20] Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-3 lists the District's planned monitoring activities.

Table 6-3: District 1 Monitoring Activities

Statewide Monitoring Program Activities
Willits Bypass Post Construction and Mitigation Monitoring
Continuous water quality data are being collected at 16 sites.
ASBS Core Monitoring Sites
District sites include the following: ***Saunders Reef (ASBS 5)*** • SAU019A • SAU020A • SAU016A • SAU015 • SAU013A • SAU11A • SAU009A • SAU006A ***Redwood National Park (ASBS 8)*** • RED014 • RED015 • RED018A • RED017A • RED023 • RED027
ASBS Ocean Receiving Water and Reference Monitoring Sites
District sites include the following: ***Saunders Reef (ASBS 5)*** • SAU008 • SAU021-ORW ***Redwood National Park (ASBS 8)*** • RED027 • RED028-ORW

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7 Region-Specific Activities

Section 7 of the DWP identifies the applicable region-specific activities that District 1 has planned for fiscal year 2018-19 to comply with Attachment V of the Conformed NPDES Permit.

North Coast Region

Riparian Vegetation Removal

Discharges associated with riparian vegetation removal are avoided and minimized by the following:

1. Vegetation removal adjacent to receiving waters is restricted to the May 15 to October 15 work window.
2. Vegetation that must be removed outside of the May 15 to October 15 work window due to migratory bird nesting restrictions is cut and left in place until May 15.
3. No track wheeled vehicles are used during the removal of vegetation outside the May 15 to October 15 work window.
4. Perimeter control BMPs are installed.
5. Only the minimum amount of vegetation is removed to allow access to the work area.

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8 DWP Noncompliance and Improvements

No DWP noncompliance incidents or improvements were identified for District 1.

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